SONY

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VAIO PROFESSIONAL

VGN-TZ31WN/B

Travel with Style

Ultra-mobile laptop in black carbon fibre with VAIO Everywair

VAIO Europe official website
http://www.vaio.eu/

VAIO Europe official website
http://www.vaiopro.eu/

KEY FEATURES

- Uninterrupted mobile broadband with embedded VAIO Everywair technology
- Razor-thin 11.1" X-black LCD display with LED technology for longer battery life
- Sleek, tough and durable carbon fibre design keeps weight down to just 1.24kg
- Efficient computing with ultra-low voltage Intel® Centrino® Duo and 7 hours battery life

TECHNICAL SPECIFICATIONS

Operating System	Genuine Windows Vista® Business
Platform	Intel® Centrino® Duo processor Technology
Chipset	Mobile Intel® 945GMS Express Chipset
Cover colour	Natural Black
Microprocessor Full Name	Intel® Core™2 Duo Processor U7600, Supports Enhanced Intel® SpeedStep® Technology
Microprocessor Manufacturer	Intel®
Microprocessor Speed (GHz)	1.2
L2 Cache (KB)	2048
Frontside Bus (MHz)	533
Number of Cores	2

Memory Speed (MHz)	533
Memory Type	DDR2 SDRAM (1x2048MB)
Max. Memory (MB)	2048
Memory Size (MB)	2048
Optical Drive Type	DVD+-RW/+-R DL/RAM
Optical Drive Fitting	Built-in
Hard Drive Capacity (GB)	120
Hard Drive Speed (rpm)	4200
Hard Drive Type	Ultra ATA/100
Write	CD-R x24, CD-RW x16, DVD-R x8, DVD-RW x6, DVD+R DL x4, DVD+R x8, DVD+RW x8, DVD-RAM x5
Read	CD x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x8, DVD+R DL x6, DVD+R x8, DVD+RW x8, DVD-RAM x5
Display Type	X-black LCD with LED technology
Diagonal Size (in)	11.1
Resolution Format	1366 x 768
Resolution Type	WXGA
Graphic Card Full Name	Intel® Graphics Media Accelerator 950
Producer	Intel®
Comments	Total Available Graphics Memory of 256MB
4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Docking Station Interface	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ Duo, Memory Stick™ PRO Duo, high speed data transfer and MagicGate compatible
Microphone Jack	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
USB Speed	High/Full/Low
USB Port (quantity)	2
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
Express Card Slot	1
Express Card Type	34mm
SD Card Slot	1
Audio out	1
Audio out Type(s)	Stereo Headphones/Speakers Jack

Built-in WWAN	HSDPA 3.6Mbps with Rx diversity
Built-in Modem	V92/V.90
Integrated Wireless LAN	YES
Wireless LAN Max. Date Rate (Mbps)	300
Wireless LAN Range (m)	max. 100
Integrated Bluetooth (Version)	2.0 + EDR
Bluetooth Range (m)	10
Wireless LAN Type	802.11a/b/g Draft n
Ethernet network	10Base-T/100Base-TX/1000Base-T
Intel® High Definition Audio compatible	YES
Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES
Touch Pad	1
Special Buttons	Power button, Wireless switch, AV Mode buttons
Security Platform	Infineon Trusted Platform Module (TPM)
Security Features	TCG Ver.1.2 compliant Trusted Platform Module (TPM), Finger Print Recognition
Auto Resolution	Plug and Display
Kensigton Lock	YES
Instant ON	YES
HDD Shock Protection	G-Sensor HDD Shock Protection
Built-in Microphone	YES
Audio	Windows Media Player 11
Video & TV	WinDVD 8.0 for VAIO
Photo	Adobe® Photoshop® Elements 6.0
CD-DVD Burning	Easy Media creator 9
Office Application	Adobe® Acrobat® Standard 8.0, Adobe® Reader® 8.0, Microsoft® Works 8.5, Microsoft® Office Ready 2007 (60 days Try & Buy)
Security & Other	Norton 360 (with 60 days free virus update), VAIO Recovery Utility 2.6 - HDD recovery (hidden partition), Protector Suite QL 5, Infineon TPM Professional Package
Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	30
Image Sensor (Mega Pixels)	0.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	VGA (640x480)

AC Adaptor	YES
Battery	YES
Power Cord	YES
Cleaning Cloth	YES

Depth Main Unit (mm)	198.2
Height Main Unit (min - max in mm)	22.5-29.8
Width Main Unit (mm)	277
Weight with Supplied Battery and Supplied Drive (kg)	1.24

Battery Type	Lithium-Ion battery (VGP-BPL11)
Battery Life (min)	360
Battery Charging Time (min)	290
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

Months	12

OPTIONAL ACCESSORIES

VGP-CVG1

Carrying Cover for G series

VGP-CKTZ2/W

Slim, lightweight semi-hard case for secure protection.

Co-branded bag Mandarina Duck - Green Ladies bag

Ladies bags VAIO and Mandarina Duck co-branded

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